Abstract of the Disclosure

In a process for preparing mevinolin by fermentation of a biomass in a fermentation liquor, which includes dissolving mevinolin from the biomass into the fermentation liquor, and separating the biomass from the fermentation liquor to obtain a separated fermentation liquor, separating the mevinolin from the separated fermentation liquor, and recovering the end product, **the improvement which comprises** carrying out the dissolving at a pH between about 7.5 and about 10, and the separating of the mevinolin is carried out at a pH between about 4.5 and about 1.